

CRYSTALLIZATION AND STRUCTURE DETERMINATION OF *STAPHYLOCOCCUS*
AUREUS THIOREDOXIN REDUCTASE

ABSTRACT OF THE DISCLOSURE

An unliganded form of *Staphylococcus aureus* thioredoxin reductase (*S. aureus* TrxB) has been crystallized, and the three dimensional x-ray crystal structure has been solved to 2.3Å resolution. The x-ray crystal structure is useful for solving the structure of other molecules or molecular complexes, and designing inhibitors of *S. aureus* thioredoxin reductase.

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